

Claims 1 -23 (Canceled)

24 (New) Apparatus for treating a target tissue sensitive to changes in target tissue temperature comprising:

a plurality of energy sources operating in combination to generate a plurality of energy pulses;

means for directing said plurality of energy pulses toward said target tissue;

means for cooling blood flow through said target tissue;

means for controlling said plurality of energy pulses to assist in pulsating said target tissue temperature over a predetermined period of time; and

means for sensing and indicating temperature of said target tissue.

25 (New) Apparatus according to Claim 24, further comprising Thorazine for moderating the degree of blood flow cooling.

26 (New) Apparatus according to Claim 24, wherein one of said energy sources is a radio frequency generator.

27 (New) Apparatus according to Claim 24, wherein one of said energy sources is an ultrasonic generator

28 (New) Apparatus according to Claim 24, wherein said means for controlling said plurality of energy pulses include a computer-driven sequencer.

29 (New) Apparatus according to Claim 24, wherein said means for controlling said plurality of energy pulses include a waveform control device.

30 (New) Apparatus according to Claim 24, wherein said means for directing said plurality of energy pulses include first and second planar electrodes.

31 (New) apparatus according to Claim 24, wherein said means for directing said plurality of energy pulses include a cylindrical, inflatable tube having electrodes.

32 (New) Apparatus according to Claim 24, wherein said means for directing said plurality of energy pulses include a sphere having electrodes.

33 (New) A method for treating target tissue sensitive to changes in target tissue temperature comprising the steps of :

combining a plurality of energy sources to generate a plurality of energy pulses;

directing said plurality of energy pulses toward said target tissue;

cooling blood flow through said target tissue;

controlling said plurality of energy pulses to assist in pulsating said target tissue temperature over a predetermined period of time; and

sensing and indicating temperature of said target tissue.